



Atty Dkt 9000-0058
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Deane Kizer

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

GERDTS et al.

Serial No.: 09/927,408

Art Unit: 1642

Filing Date: August 10, 2001

Examiner: Unassigned

Title: IN UTERO ORAL NUCLEIC ACID IMMUNIZATION

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an Information Disclosure Statement, including a Form PTO-1449 and copies of the cited references. It is believed that no fee is due.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: 9/24/02

By: Roberta L. Robins

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The information listed on the attached PTO-1449 forms may be material to the examination of the above-identified application. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application.

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the

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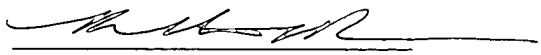
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information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: 9/24/02

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COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 2

In the Application of GERDTS et al.

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U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-1						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
	AB-1						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
	AC-1	Butts, et al., "DNA immunization of infants: potential and limitations," <i>Vaccine</i> , <u>16</u> :1444-1449, (1998)
	AD-1	Gerdts, et al., "Fetal Immunization by a DNA Vaccine Delivered Into the Oral Cavity," <i>Nature Med.</i> , <u>6</u> :929-932, (2000)
	AE-1	Gerdts, et al., "Oral DNA Vaccination In Utero Induces Mucosal Immunity and Immune Memory in the Neonate," <i>J. Immunol.</i> , <u>168</u> :1877-1885, (2002)
	AF-1	Le Potier, et al., "Study of the delivery of the gD gene of pseudorabies virus to one-day-old piglets by adenovirus or plasmid DNA as ways to by-pass the inhibition of immune response by colostral antibodies," <i>Vet. Microbiol</i> <u>55</u> :75-80 (1997)

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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FORM PTO-1449 (Modified)
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Sheet 2 of 2

In the Application of GERDTS et al.

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Exam. Init.	Ref. Desig.	Description
	AG-1	McCluskie and Davis, "Novel Strategies Using DNA for the Induction of Mucosal Immunity," <i>Crit. Rev. Immunol.</i> , <u>19</u> :303-329, (1999)
	AH-1	Sekhon and Larson, "In utero gene transfer into the pulmonary epithelium," <i>Nature Med.</i> , <u>1</u> :(11), 1201-1203 (1995)
	AI-1	Van Drunen Littel-van den Hurk, et al., "Immunization of Neonates with DNA Encoding a Bovine Herpesvirus Glycoprotein Is Effective in the Presence of Maternal Antibodies," <i>Viral Immunology</i> , <u>12</u> :67-77, (1999)
	AJ-1	Watts, et al. "Fetal immunization of baboons induces a fetal-specific antibody response," <i>Nature Med.</i> , <u>5</u> :427-430 (1999)

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